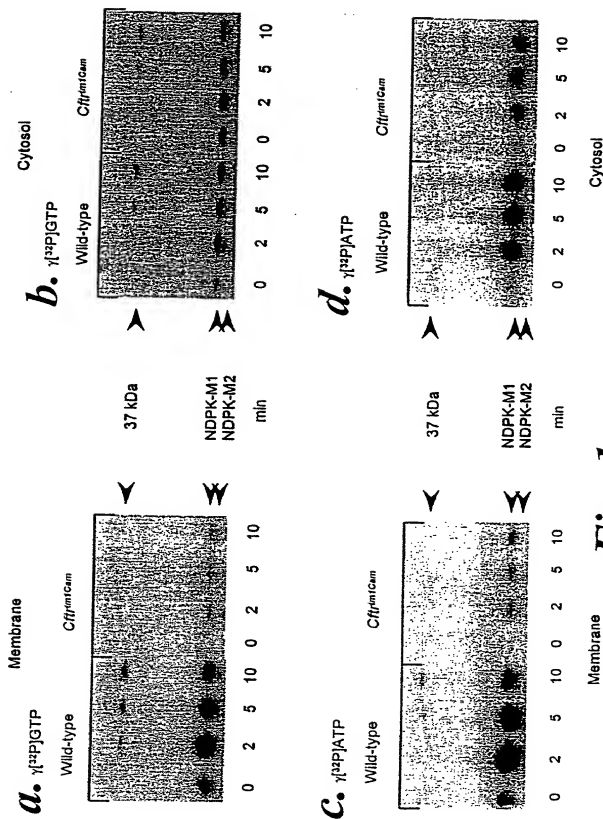
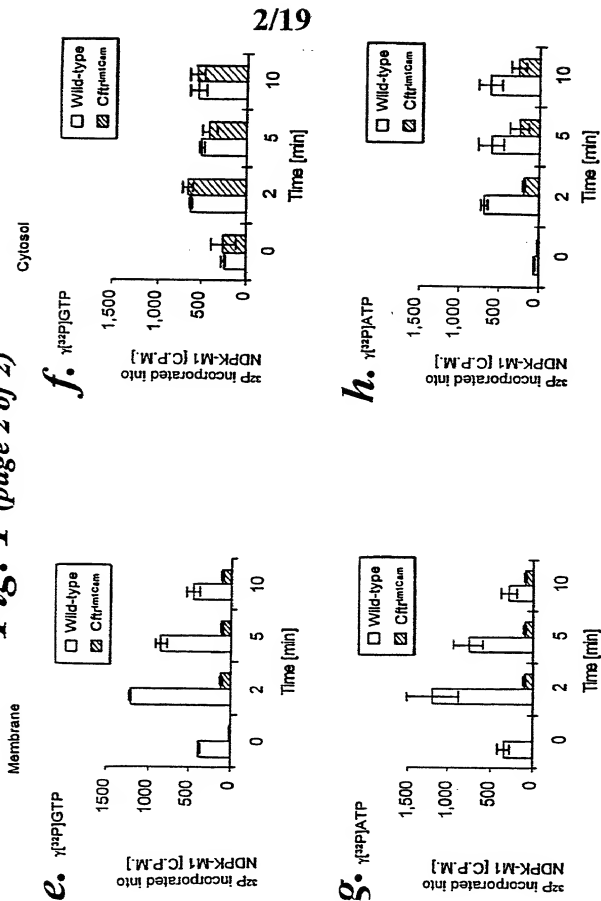


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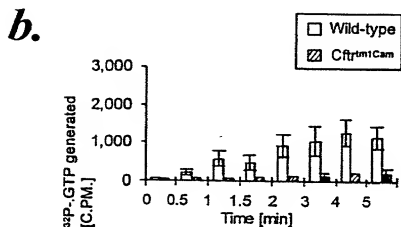
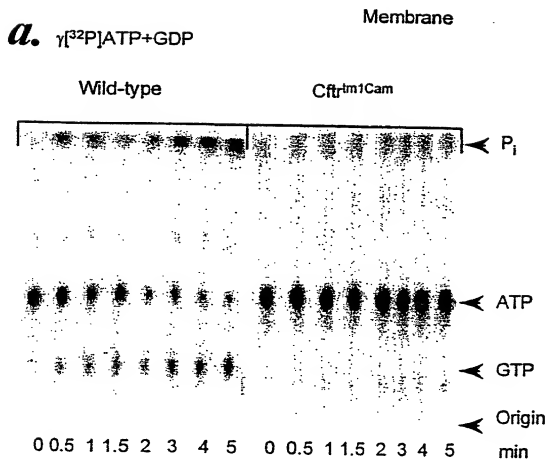


**Fig. 1** (page 1 of 2)

**Fig. 1** (page 2 of 2)

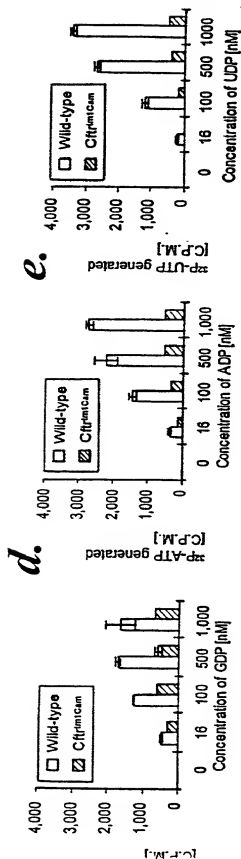


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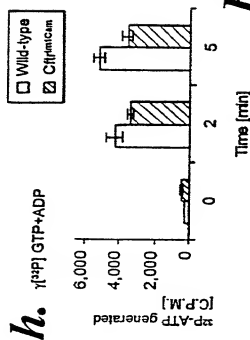
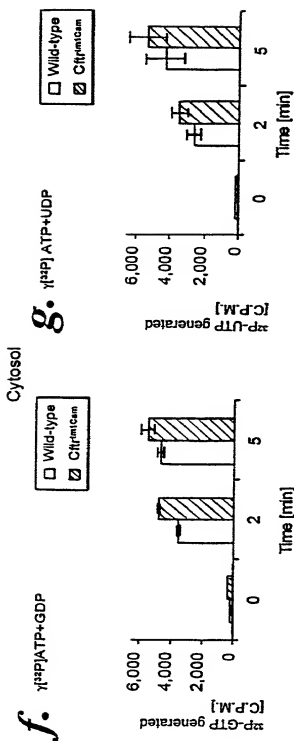
**Fig. 2** (page 1 of 3)

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**Fig. 2 (page 2 of 3)**

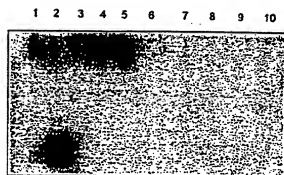
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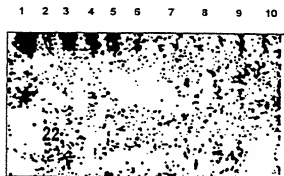
**Fig. 2** (page 3 of 3)

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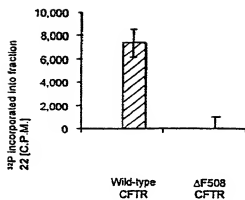
*a.*



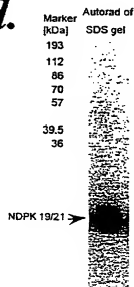
*b.*



*c.*



*d.*



*e.*

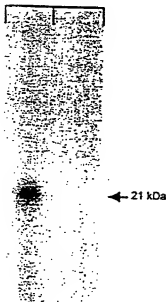


*Fig. 3*

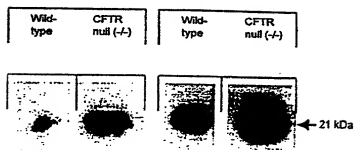
**a.**

Wild-type membranes

Nm23 H1	Nm23 H1
alone	+ peptide

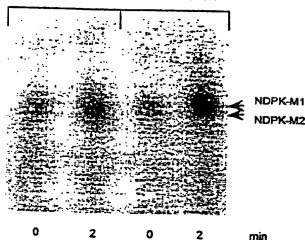


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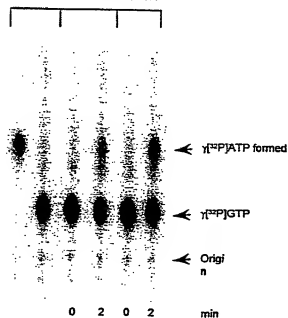
**b.**Membranes (100  $\mu$ g  
protein/lane)Cytosol (100  $\mu$ g  
protein/lane)**c.**

Plasmid alone

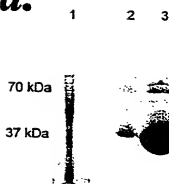
Plasmid + CFTR

**d.**

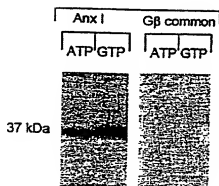
Marker	Plasmid alone	Plasmid + CFTR
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**Fig. 4**

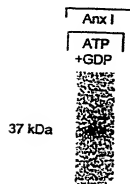
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**a.****b.**

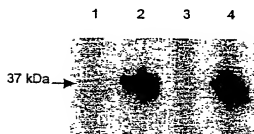
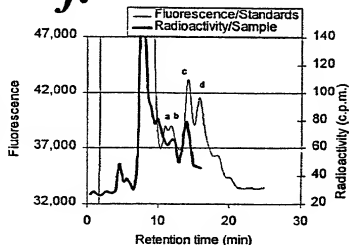
Ovine membrane

**c.**

Murine wild-type membrane

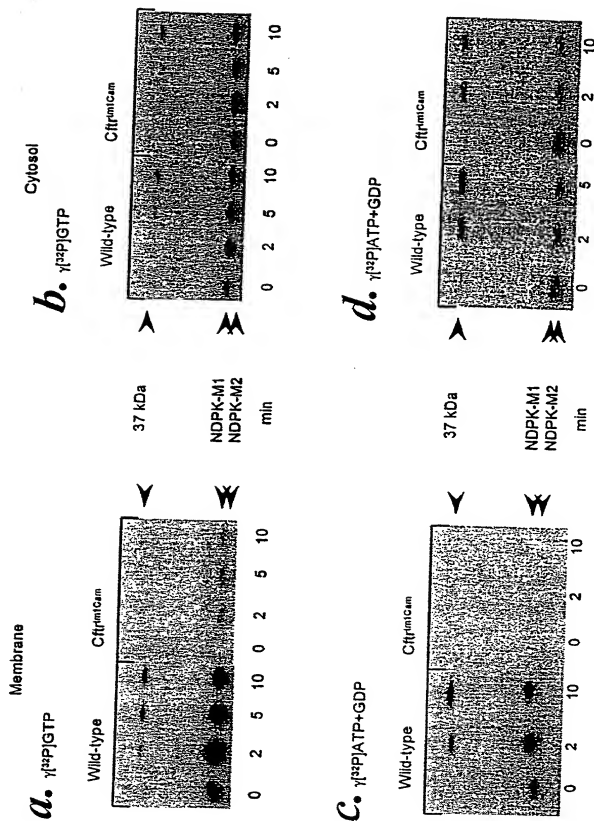
**d.**

1 MAMSSEHLKQ AWFIE<sup>EE</sup>EQE YIKTVKSGSG GPGSAVS<sup>\*</sup>PYP TFPSSDVEA LHKAITVKGV  
 61 DEATITIEILT KR<sup>NA</sup>Q<sup>R</sup>Q<sup>Q</sup>I KAAYLQEKGR PLDEV<sup>L</sup>KKAL LGHLEEVVLA LLKTPAQFDA  
 121 EELRAAMKGL GTDEDILNEI LASRTNREIR E<sup>IN</sup>RVHREEL KRDLAKDIAS DTSGDYEKAL  
 181 LALAKGRDSE ELAVNDD<sup>L</sup>AD SDARALYEAG E<sup>NR</sup>KGT<sup>D</sup>VNV FT<sup>IL</sup>IT<sup>RS</sup>Y PHLRRVFOKY  
 241 SKYSK<sup>H</sup>DMNK VLDLELKGDI EKCLT<sup>IV</sup>IVKC AT<sup>S</sup>OPMFFAE KLH<sup>Q</sup>AMKIG TRHKTILIRIM  
 301 VSRSEIDMND IKACYQKLYG ISLQAIL<sup>LE</sup> TKGDYEKILV ALCGRD

**e.**  $\gamma$ [ $^{32}$ P]ATP**f.****Fig. 5**

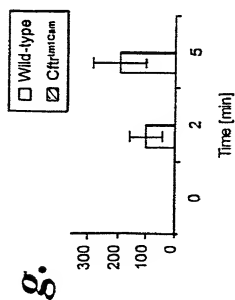
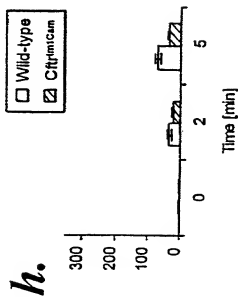
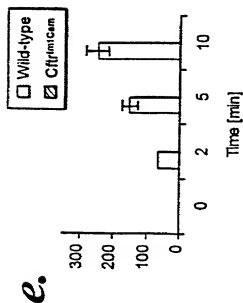
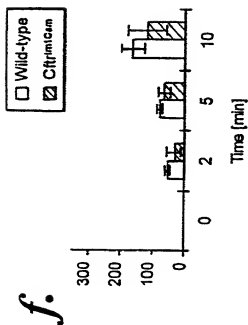


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**Fig. 6** (page 1 of 2)

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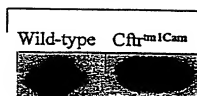
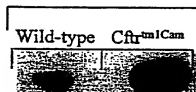
**Fig. 6 (page 2 of 2)**

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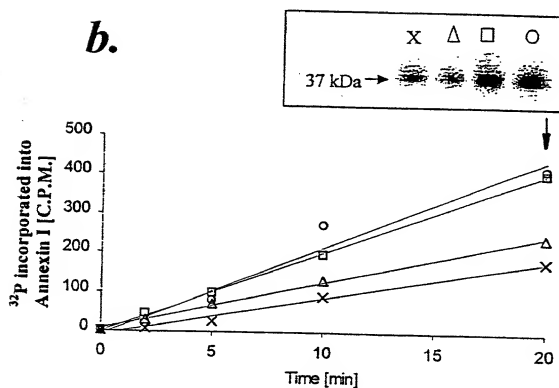
**a.**

Membranes

Cytosol



**b.**



**Fig.7**

Autoradiograph from apical membrane phosphoproteins ( $^{32}$ P-GTP)  
from

wild-type mice

null CFTR (-/-)

4°C

37°C

37°C

4°C

p116 →

p37 →

NDPK:

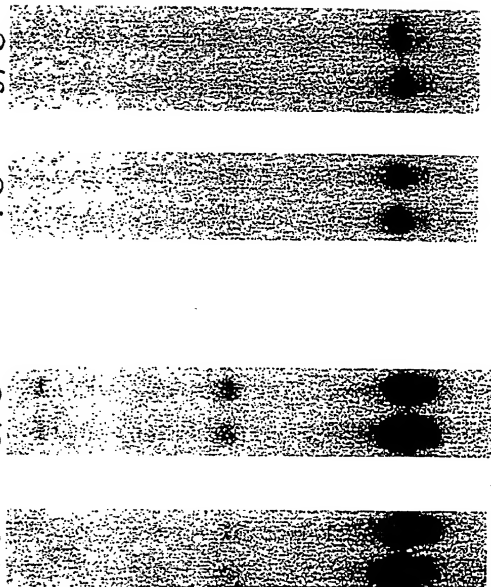
p21 →

p19 →

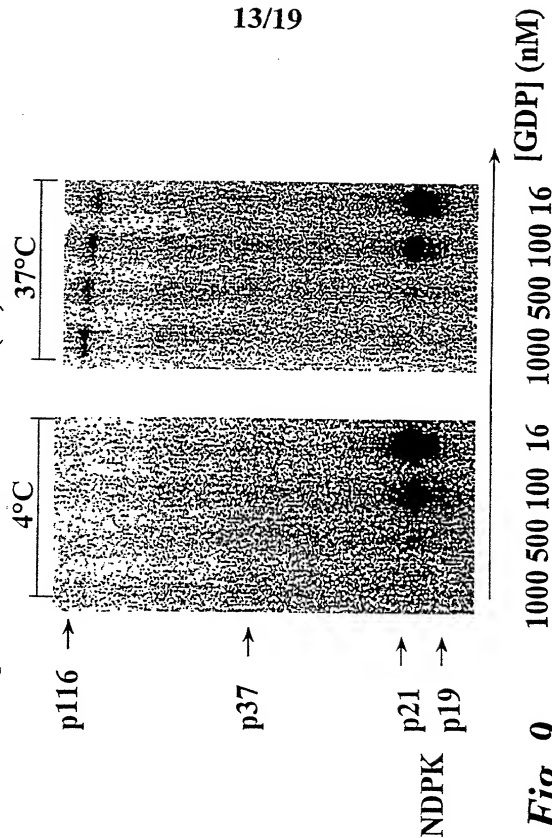
*Fig. 8*

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T (min) 10 20 10 20 10 20 10 20

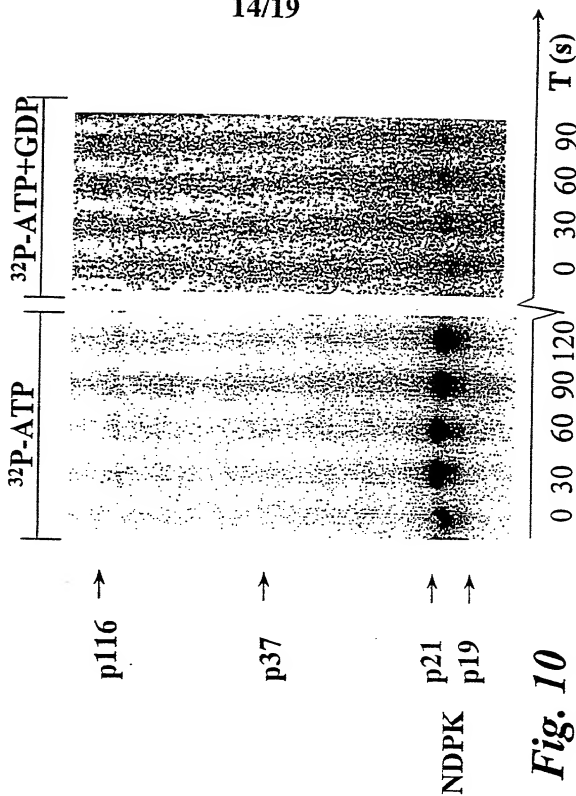


Autoradiograph from apical membrane  
phosphoproteins from null CFTR (-/-) mice;  $^{32}\text{P}$ -ATP



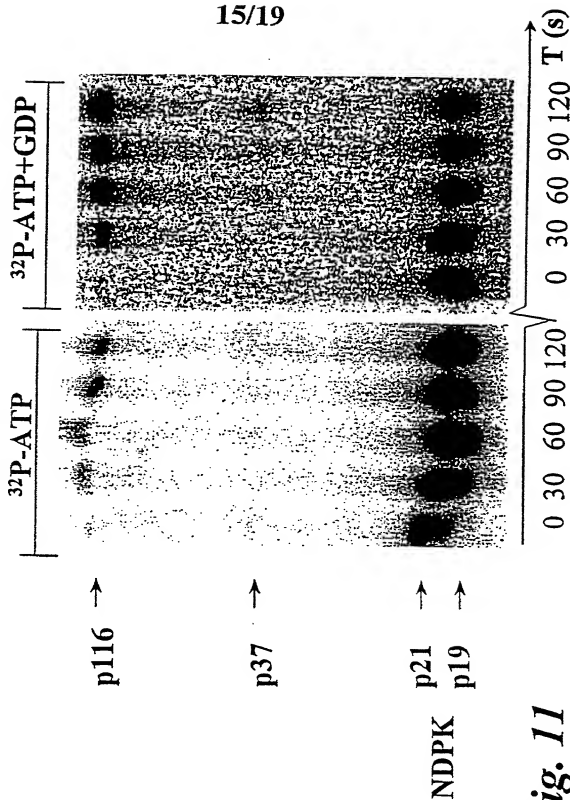
**Fig. 9**

Autoradiograph from apical membrane  
phosphoproteins from null CFTR (-/-) mice:



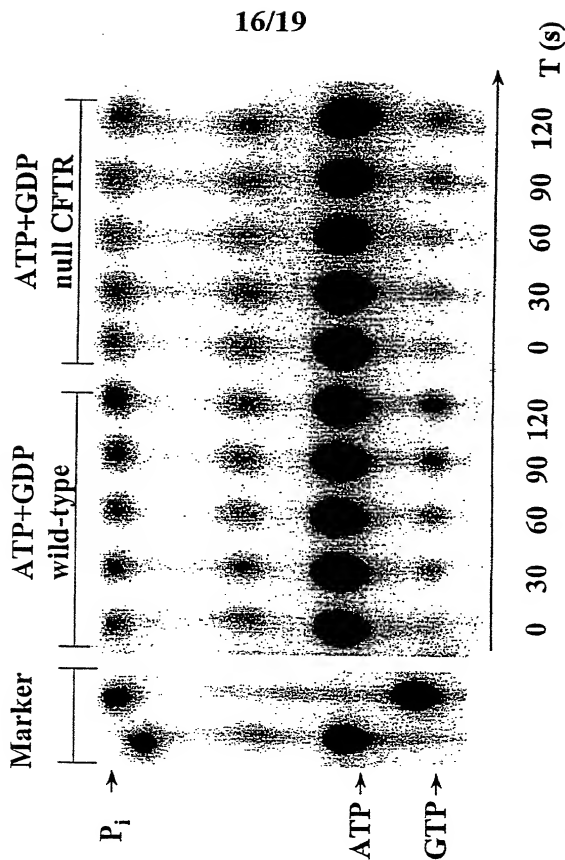
**Fig. 10**

# Autoradiograph from apical membrane phosphoproteins from wild-type mice:



*Fig. 11*

# Apical membrane from wild-type and null CFTR (-/-)\* mice:

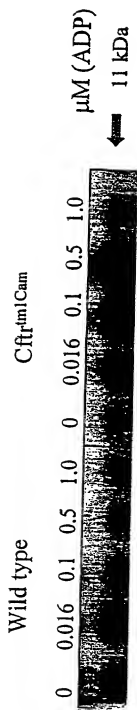


\* prep 2

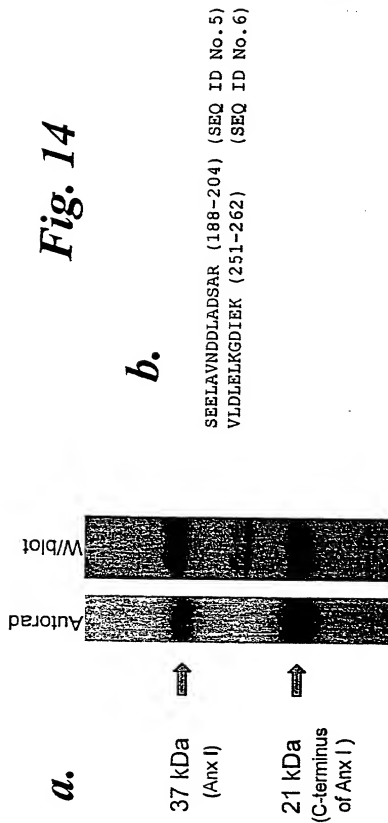
**Fig. 12**



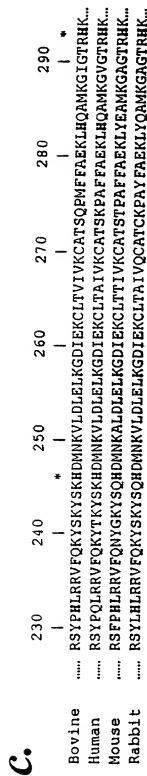
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*Fig. 13*

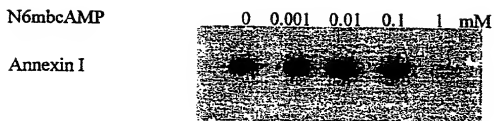
**Fig. 14**



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*Fig. 15*